

Winter Weather Briefing

Sunday, January 05, 2014



For South Central Indiana and Central Kentucky

Prepared 1/5/2014 5:00 AM EST

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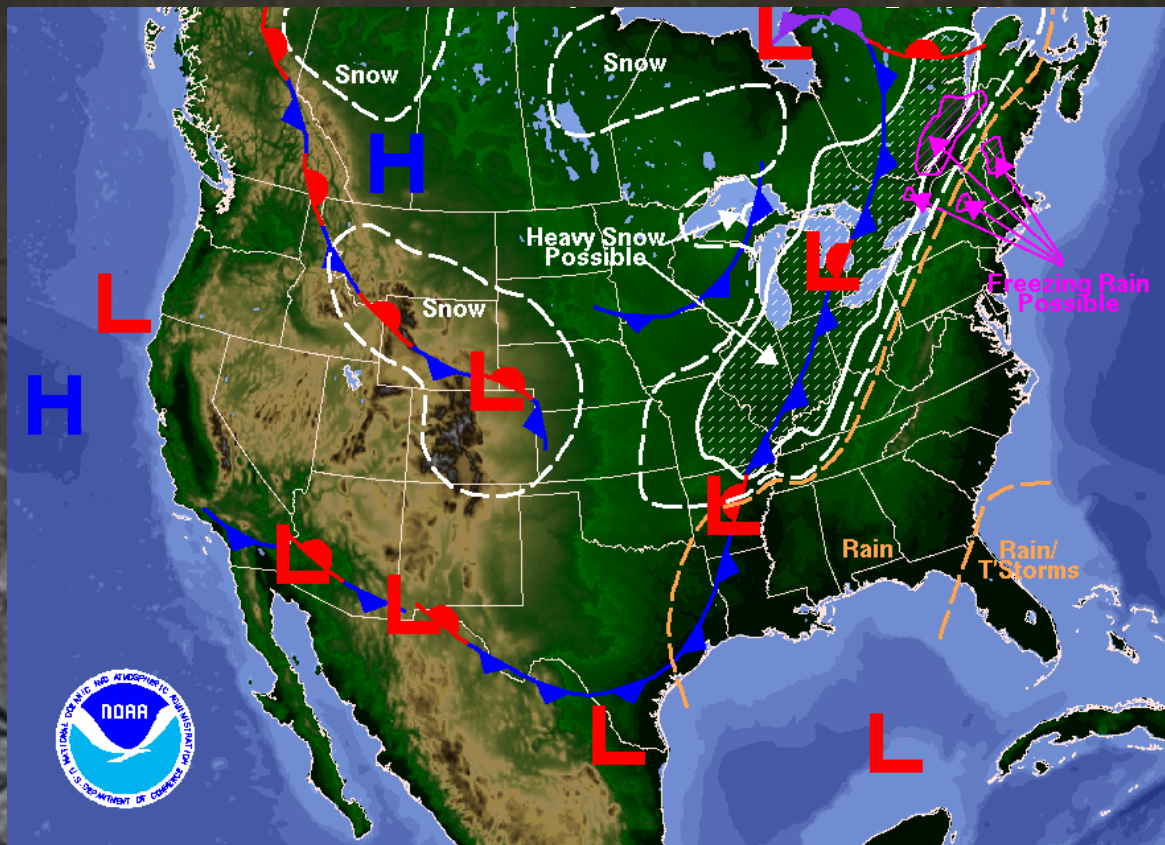


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Snow and Arctic Blast on the Way



Weather Forecast for Sun, Jan 05, 2014, issued 3:19 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Fanning based on WPC, SPC and NHC forecasts

- A potent winter storm will drop a swath of heavy snow from the central Mississippi Valley to the eastern Great Lakes through Monday
- Significant snow will occur north of the Ohio River with lighter accumulations south of the river

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Timing – 7 AM Today



The event looks to start off as mainly rain with some sleet mixing in.

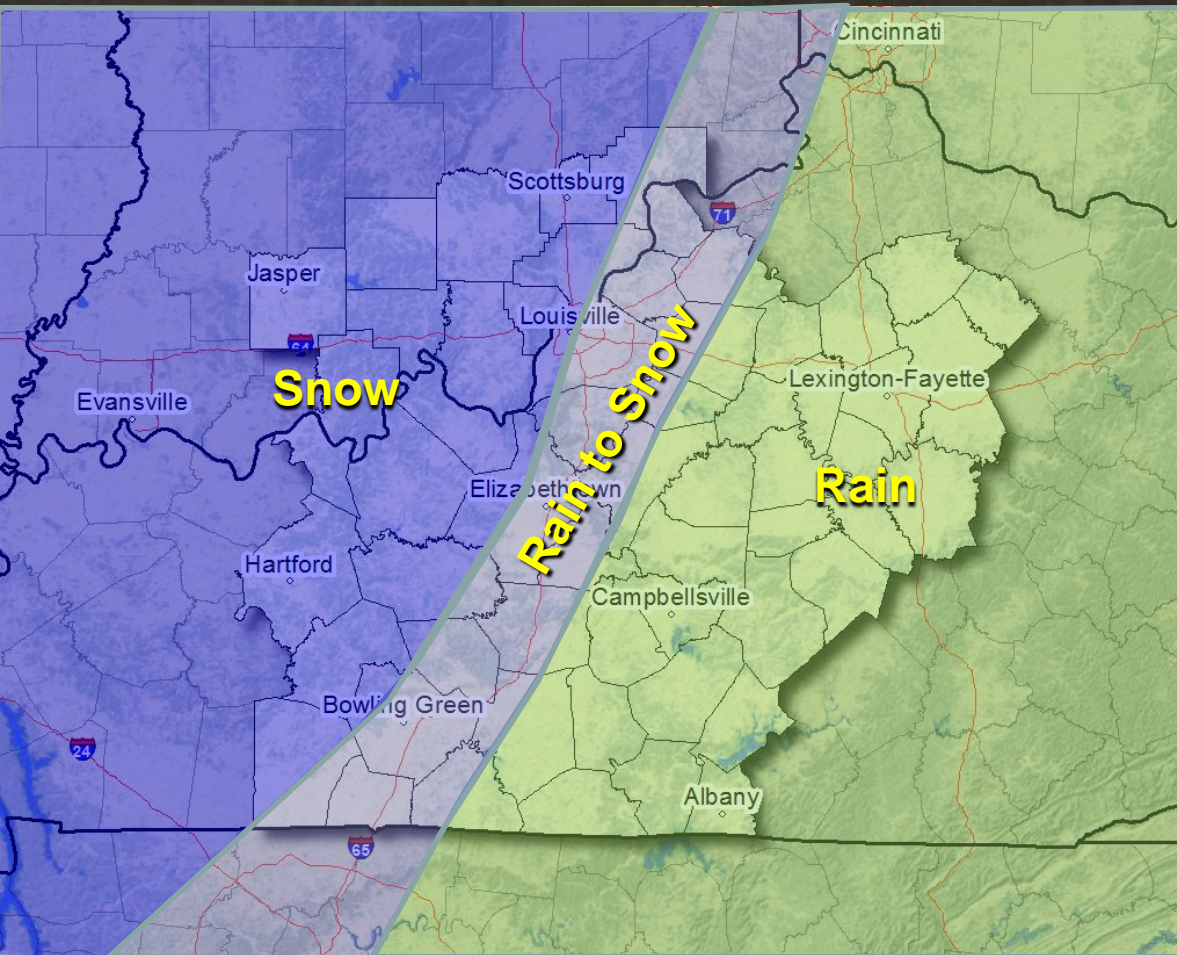
Timing – 1 PM Today



Warm air will surge into most of central Kentucky and parts of southeast Indiana ahead of a strengthening surface low. This will result in mainly rain falling over the area this afternoon.

The low then will track just south of the Ohio River. As the low passes, rain will quickly change to snow across extreme NW portions of our warning area by mid to late afternoon.

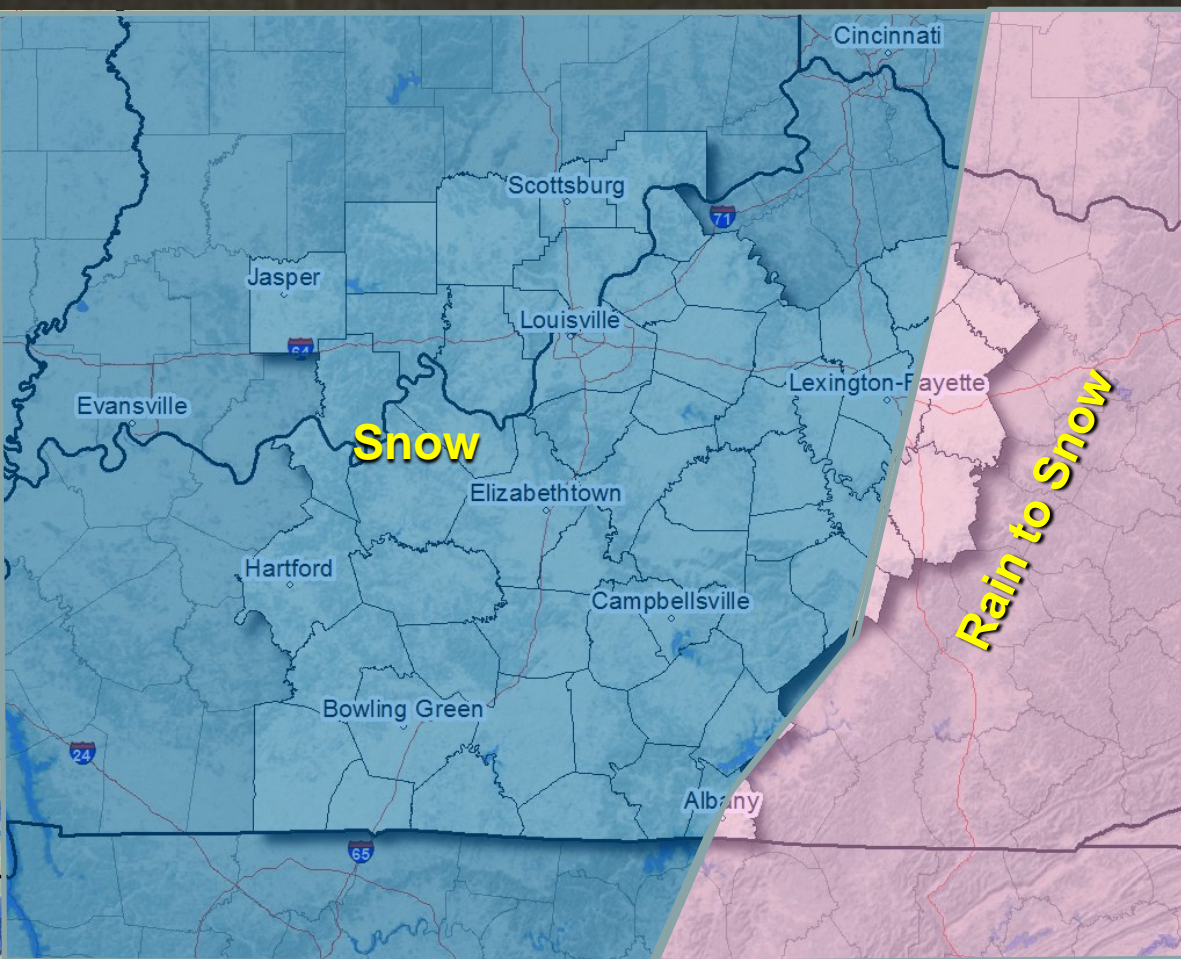
Timing – 7 PM Today



Cold air will begin crashing into the region from west to east as a strong Arctic front barrels through. Precipitation will rapidly transition from rain to snow as this occurs. Periods of moderate to heavy snow will likely bring quick accumulations.

Winds will be increasing from west to east as the front passes, with gusts of 20-30 mph within the snow area on the map. Blowing snow is a good possibility.

Timing – 9 PM Today



The snow line will continue to progress eastward through the evening hours. Temperatures will continue to crash, with blowing snow still likely, under gusts of 30-35 mph.

With temperatures falling as fast as they will, a flash freeze is possible through the evening and overnight.

Timing – 11 PM Today

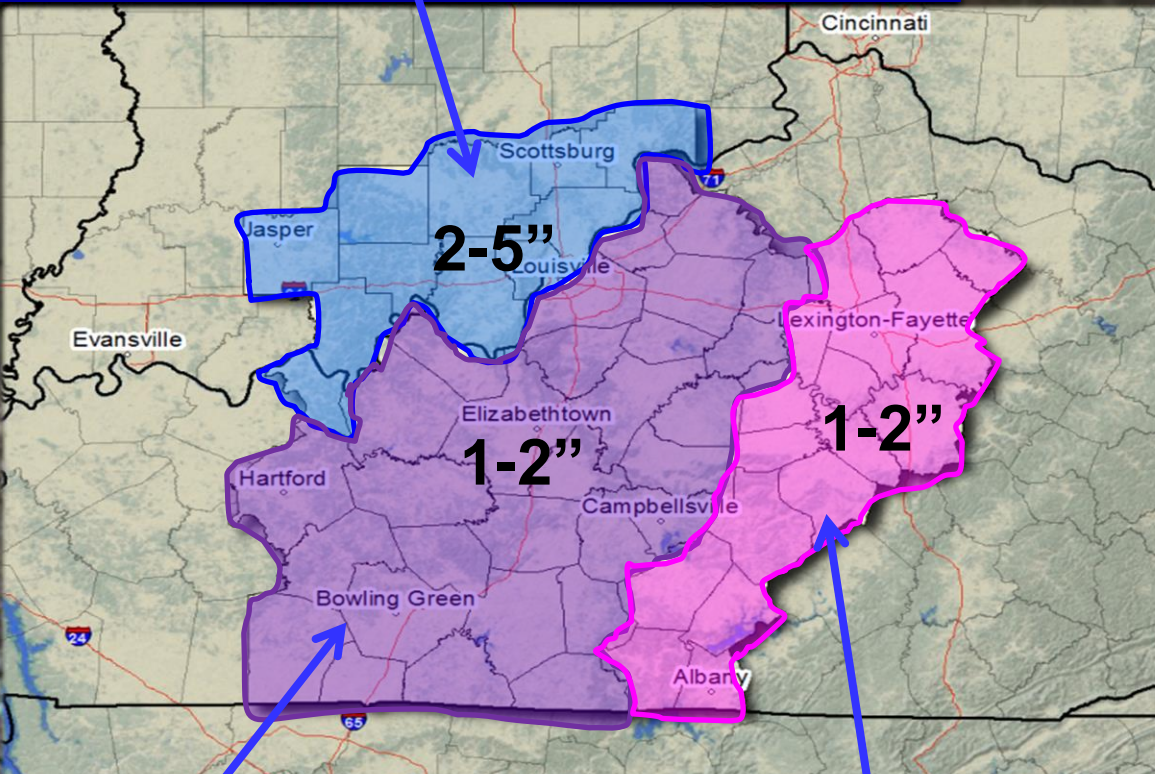


Snow showers will linger into the overnight and temperatures will fall toward the single digits across central Kentucky and below zero across southern Indiana by dawn on Monday.

Winter Storm Headlines for Today



Winter Storm Warning Starting 1 PM Today



- Mostly rain is expected during the day Today
- Arctic front will change that over to snow: mid to late afternoon across southern IN, evening across central KY

Winter Weather Advisory
Starting 3 PM Today

Winter Weather Advisory
Starting 6 PM Today

Note: All times listed above are EST

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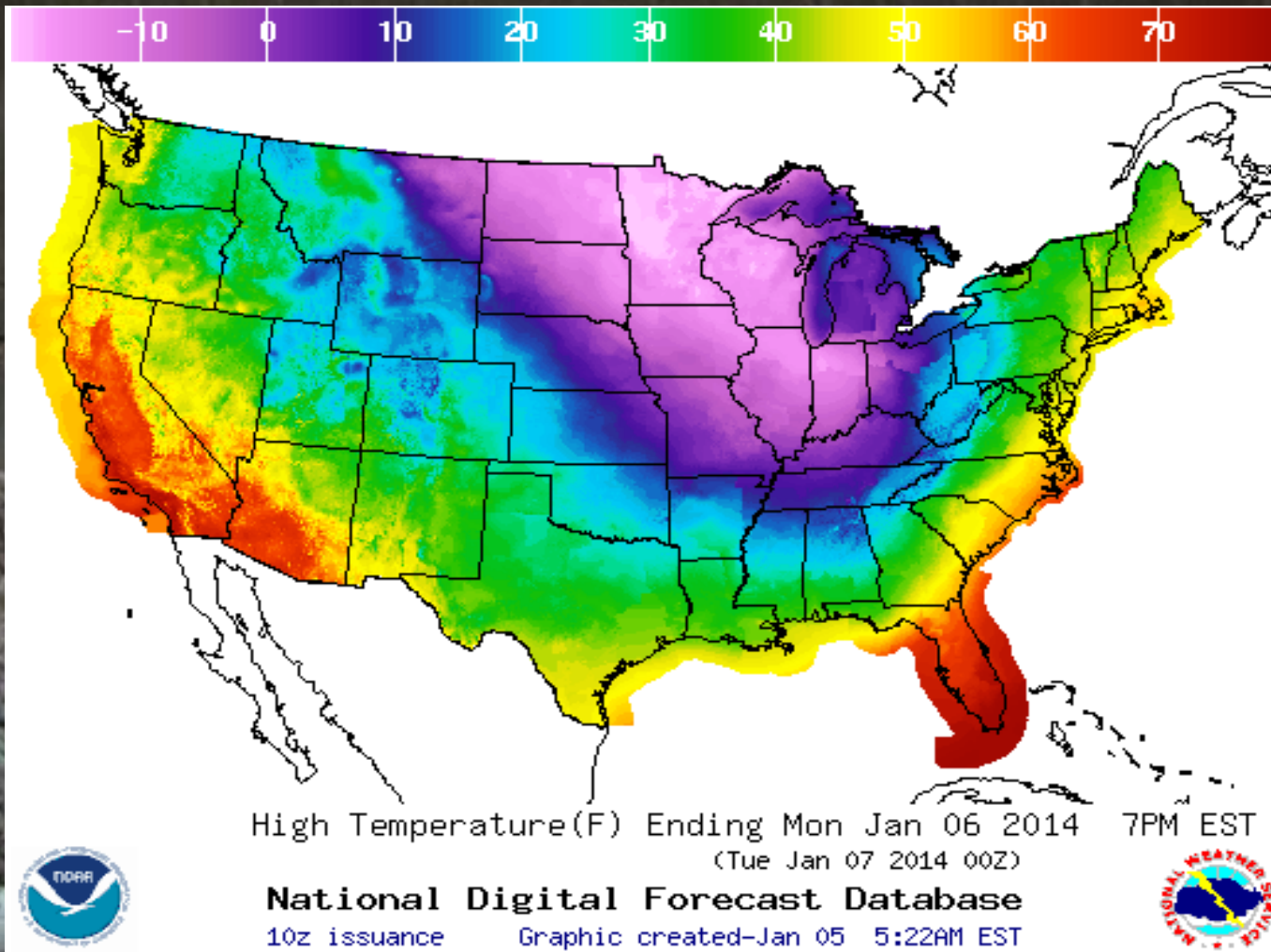


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Snow and Arctic Blast on the Way



- Following the snowfall, arctic air will surge into region. Sub-zero temperatures will occur along and north of the Ohio by Monday morning, and as far as the TN border by Tuesday morning.

Forecast Daytime High Temperatures Monday, Jan 6, 2014

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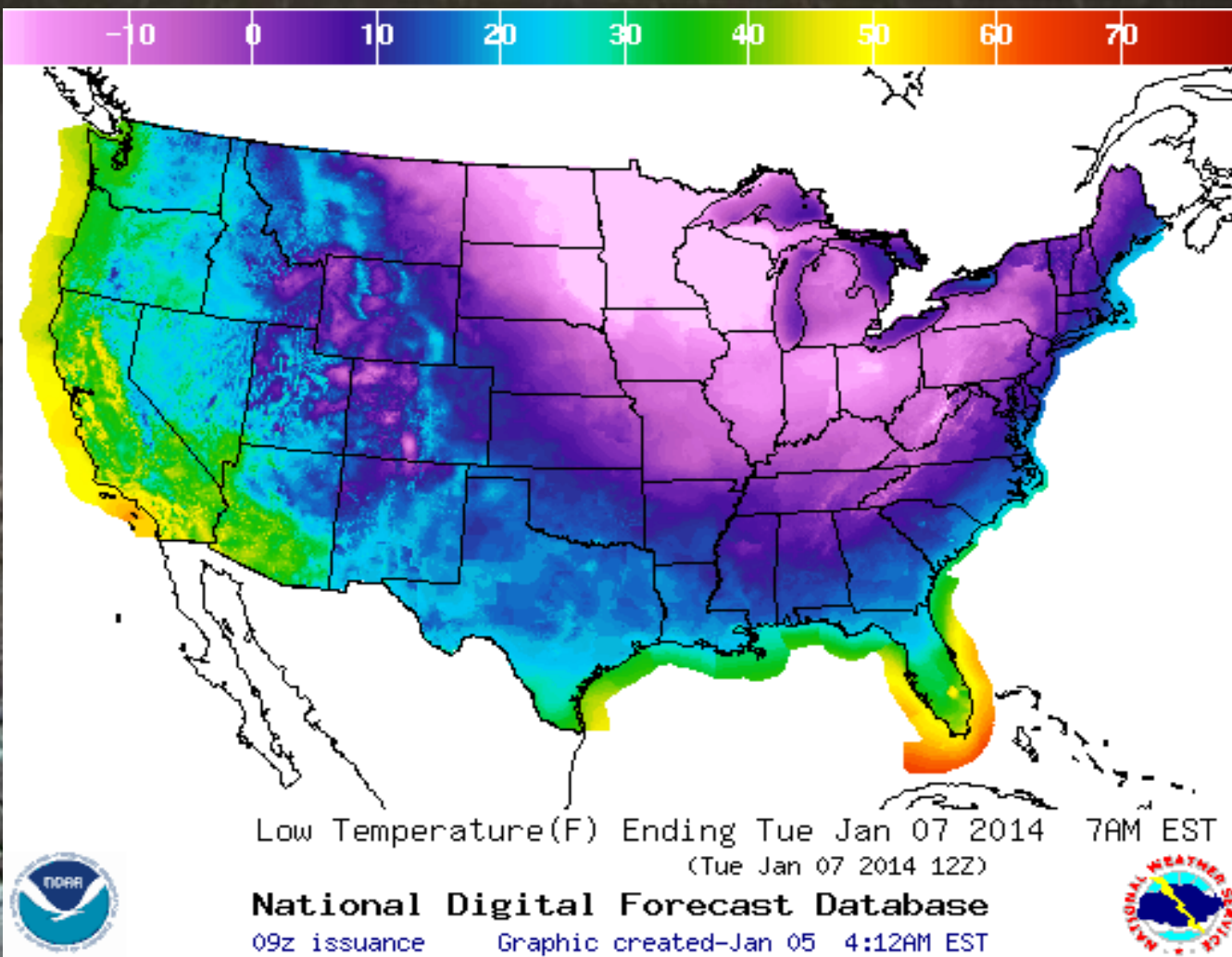


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Snow and Arctic Blast on the Way



- Some areas will remain below zero for more than 24 hours Monday through Tuesday.



Forecast Low Temperatures Tuesday morning, Jan 7, 2014

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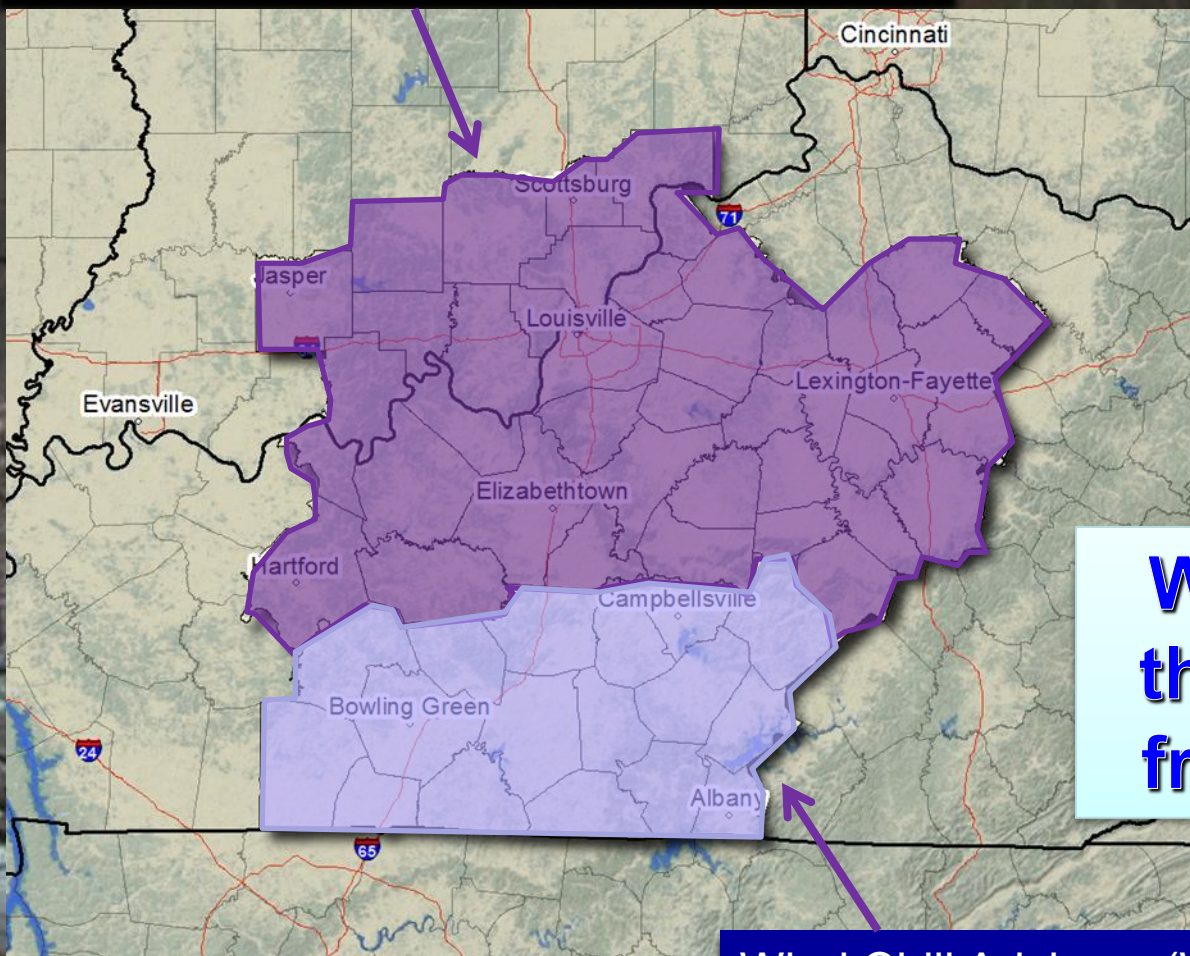


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Wind Chill Headlines 1 AM Mon – 1 PM Tue



Wind Chill Warning (Wind Chills -20 to -30)



- Much colder air blasts in overnight, with Wind Chill Warning and Advisory in effect Tonight through Tuesday morning, wind chills less than -25 degrees possible!

Wind Chills colder than -18 can cause frostbite in 30 min.

Wind Chill Advisory (Wind Chills -10 to -20)

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